

WHAT IS CLAIMED IS:

1 1. A light string comprising:

2 a core made of a soft material and having multiple axial holes defined in one
3 side of the core;

4 two connection wires received in the other side of the core to be opposite to
5 positions of the axial holes;

6 multiple light emitting diodes (LEDs) respectively received in the axial holes
7 and connected to the two connection wires for electrical connection;

8 a scattering body formed on top of the core and on top of the LEDs for
9 scattering light beams from the LEDs;

10 a cladding enclosing the scattering body and the core and having an arcuate
11 top face for emission of light beams of the LEDs;

12 a plug connected to a same end of the two connection wires for providing
13 electricity to the LEDs; and

14 a stopper connected to the cladding and further connected to the connection
15 wires at an end distal to the end of the plug.

16 2. The light string as claimed in claim 1, wherein an opaque layer is formed on
17 the cladding to stop penetration of light beams of the LEDs so as to enhance the
18 emission of light beams out of the arcuate top face of the cladding.

19 3. The light string as claimed in claim 2, wherein the opaque layer is a layer of
20 black paint.

21 4. The light string as claimed in claim 1 further comprising a converter to
22 change alternate current to direct current for the LEDs.

23 5. The light string as claimed in claim 3 further comprising a converter to

1 change alternate current to direct current for the LEDs.

2 6. The light string as claimed in claim 1, wherein the scattering body is
3 integrally formed with the cladding.

4 7. The light string as claimed in claim 3, wherein the scattering body is
5 integrally formed with the cladding.

6 8. The light string as claimed in claim 4, wherein the scattering body is
7 integrally formed with the cladding.

8 9. The light string as claimed in claim 5, wherein the scattering body is
9 integrally formed with the cladding.

10 10. The light string as claimed in claim 1, wherein the scattering body is a
11 passage.

12 11. The light string as claimed in claim 2, wherein the scattering body is a
13 passage.

14 13. The light string as claimed in claim 3, wherein the scattering body is a
15 passage.

16 14. The light string as claimed in claim 4, wherein the scattering body is a
17 passage.

18 15. The light string as claimed in claim 5, wherein the scattering body is a
19 passage.

20 16. The light string as claimed in claim 6, wherein the scattering body is a
21 passage.

22 17. The light string as claimed in claim 7, wherein the scattering body is a
23 passage.

24 18. The light string as claimed in claim 8, wherein the scattering body is a
25 passage.

1 19. The light string as claimed in claim 9, wherein the scattering body is a
2 passage.